

Title (en)
UNIVERSAL CONVERGENCE BORDER GATEWAY

Title (de)
GRENZ-GATEWAY MIT UNIVERSELLER KONVERGENZ

Title (fr)
PASSERELLE FRONTIERE DE CONVERGENCE UNIVERSELLE

Publication
EP 1889168 A2 20080220 (EN)

Application
EP 06770446 A 20060517

Priority

- US 2006018955 W 20060517
- US 68222705 P 20050518
- US 23393605 A 20050923

Abstract (en)

[origin: WO2006124920A2] A services gateway, which links client access by any technology to multiple service nodes, even if the client access technology is not directly compatible with the service node. The universal convergence border gateway (UCBG) utilizes the IP layer as a harmonizing layer to decouple standard services from their normally- associated access technologies. This is particularly advantageous with multifunction client devices because the best available wireless access technology . can be used independently of the type of service being accessed. The UCBG uses a single encryption scheme to multiplex the traffic for various services with different characteristics into multiple data flows. The UCBG uses a single encryption scheme to converge the data flows to the client using a single control path without losing each traffic's characteristics such as QoS. The gateway also demultiplexes the converged traffic that it receives from the client in order for the data to reach the appropriate service node.

IPC 8 full level
G06F 15/16 (2006.01)

CPC (source: EP KR)
G06F 15/16 (2013.01 - KR); **H04L 12/66** (2013.01 - KR); **H04L 63/0272** (2013.01 - EP); **H04L 63/164** (2013.01 - EP); **H04L 67/56** (2022.05 - EP); **H04L 67/565** (2022.05 - EP)

Citation (search report)
See references of WO 2006124920A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
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DOCDB simple family (application)
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